

# Chan Eugene

Hong Kong SAR

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## Education

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<b>The Chinese University of Hong Kong</b> <i>B.Eng. in Computer Engineering</i> ○ 2024-25 Term 2 ○ 2025-26 Term 1	<b>Sep 2022 – Jun 2026 (Expected)</b> CGPA: 3.253/4.000 GPA: 3.500/4.000 GPA: 3.675/4.000
<b>St Joseph's College</b> <i>High School Diploma</i>	<b>2016 - 2022</b>

## Past Experience

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<b>Media Explorer Limited</b> <i>Programming Intern, Hong Kong</i> ○ Aided in updating e-Commerce solution using JSP and HTML ○ Developed new features for clubhouse management system using SpringBoot	<b>May 2024 – Jun 2024</b>
<b>Efinix</b> <i>Software Engineering Intern, Hong Kong</i> ○ Developed cross-platform Windows/Linux desktop applications using Python and Flutter ○ Independently designed and shipped major features that significantly improved end-user experience and workflow efficiency	<b>Jun 2025 – Aug 2025</b>
<b>Efinix</b> <i>Part-time Software Engineer, Hong Kong</i> ○ Continued cross-platform app development in Python and Flutter alongside core engineering team ○ Collaborated closely with fellow engineers to design, review, and iterate on features, gaining exposure to production-level engineering practices and code standards	<b>Sep 2025 – Present</b>

## Projects

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**GPU Accelerated FX/FXCH (ongoing):**  
○ Optimized the FXCH module in ABC (UC Berkeley's sequential synthesis & verification system) by parallelizing subcube comparisons using CUDA, achieving significant performance gains on medium-to-large logic designs

**BlackEye Valkyrie System (2025):**  
○ Architected a lightweight web-based Clinical Management System (CMS) for hospital management in remote areas, built with Spring Boot, MongoDB, Java, and JavaScript  
○ [GitHub Repository](#)

**Motion Controlled Laser Turret (2024):**  
○ Engineered a gyroscope-operated laser turret on the Tiva C Launchpad with wireless controller-turret communication over Bluetooth via UART, programmed entirely in C  
○ [GitHub Repository](#)

## Skills

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**Programming Languages:** Dart, Python, Java, HTML, C/C++, JavaScript, TypeScript, JSP, SQL, VHDL  
**Tools/Technologies:** Git, Springboot, Docker, AutoCAD, Fusion360  
**Soft Skills:** Leadership, Presentation, Teamwork, Communication, Problem-solving

## Languages

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**Cantonese:** Native

**English:** Highly Proficient

**Chinese:** Fluent